

In the Claims

Applicant has submitted a new complete claim set showing marked up claims with insertions indicated by underlining and deletions indicated by strikeouts and/or double bracketing.

Please amend pending claims 25, 27 and 29 as noted below.

1. (Original) A filler for use in composite materials wherein said filler comprises carbonized vegetative-based material wherein said carbonized vegetative-based material is the product of burning fresh vegetative-based material at 803° to 804°C for 3 to 4 seconds.
2. (Original) A filler according to claim 1 wherein the carbonized vegetative-based material is carbonized rice husk.
3. (Original) A process for the production of a carbonised vegetative-based filler wherein said process comprises burning a fresh vegetative-based material at about 803° to 804°C for 3 to 4 seconds.
4. (Original) A process according to claim 3 wherein the fresh vegetative material is ground to a particle size of from 100 mesh to 400 mesh.
5. (Original) A process according to claim 3 or claim 4 wherein said process utilises fresh rice husk as the vegetative material.
6. (Original) A filler according to any one of claims 1 or 2 when produced by a process according to claim 4.
7. (Original) A method for improving the anti-static, flame retardant, accelerator, plasticiser and/or blowing characteristics of a composite material wherein said method comprises blending into the composite material with a carbonised vegetative-based filler according to claim 1 or

claim 2 and wherein said blending is substantially completed prior to incorporation of any additives, if any.

8. (Original) A method according to claim 7 wherein the carbonised vegetative filler has a particle size of from 100 mesh to 400 mesh.

9. (Withdrawn) A method according to claim 7 or claim 8 wherein the composite material is latex (NR/SR) the dosage of the carbonised vegetative filler is from 1.5 to 2.5 phr (parts per hundred).

10. (Original) A method according to any one of claims 7 to 9 wherein said composite material is selected from the group comprising:

- i) thermoplastic resins;
- ii) thermoset plastics;
- iii) rubbers and elastomeric materials;
- iv) conductive coatings;
- v) printing inks;
- vi) bitumen; and
- vii) concrete.

11. (Original) A composite material having improved anti-static, flame retardant, accelerator, plasticiser and/or blowing characteristics wherein said composite material is produced by the method of any one of claims 7 to 10

12. (Withdrawn) A method for improving the mechanical properties of bitumen, said method comprising blending fresh and/or carbonised rice husk together with tyre crumb into said bitumen.

13. (Withdrawn) A method according to claim 12 wherein the rice husk has a particle size of from 100 to 200 mesh and the dosage of rice husk is between 40 to 60 phr.

14. (Withdrawn) A method according to claim 12 or claim 13 wherein the rice husk and tyre crumb is mixed in composition with a palm oil effluent prior to it being added to the bitumen.
15. (Withdrawn) A method according to claim 14 wherein the composition comprises about 50% tyre crumb, about 45% rice husk and about 5% palm oil effluent.
16. (Withdrawn) A method according to claim 14 or claim 15 wherein the composition is added in a dosage amount of about 20% by weight of the said bitumen.
17. (Withdrawn) A method for improving the blowing character of a thermoplastic resin this method comprising blending fresh and/or carbonised rice husk into said thermoplastic resin. wherein the rice husk has a particle size of between 325 to 400 mesh and the dosage of the rice husk is between 105 to 2.5 phr.
18. (Withdrawn) A method for improving the mechanical properties of thermoplastic resin including compression strength, said method comprising blending rice husk into said thermoplastic resin wherein said rice husk has a particle size of between 325 to 400 mesh and the dosage of the rice husk is between 1.5 and 2.5 phr.
19. (Withdrawn) A method for improving the blowing character of rubber said method comprising blending fresh and/or carbonised rice husk into said rubber.
20. (Withdrawn) A method according to claim 19 wherein the rice husk has a particle size of between 325 to 400 mesh and the dosage of the rice husk is between 1.5 and 27 phr.
21. (Withdrawn) A method for reducing the cure time of ebonite NR wherein said method comprises blending fresh rice husk into said ebonite NR. wherein the rice husk has a particle size of between 100 to 200 mesh and the dosage of the rice husk is between 16 to 30 phr.

22. (Withdrawn) A method for improving the scotch time of rubber said method comprising blending fresh and/or carbonised rice husk into said rubber.
23. (Withdrawn) A method according to claim 22 wherein the rice husk has a particle size of between 100 to 200 mesh and the dosage of rice husk is between 5 to 10 phr.
24. (Original) A method for improving the flame retardant ability of a thermoset resin said method comprising blending carbonised rice husk according to claim 2 into said thermoset resin.
25. (Currently Amended) A method according to claim 24 wherein the carbonised rice husk has a particle size of 325 to 400 mesh and the dosage of carbonised rice husk is between 10 to 15 ~~phr~~ parts per hundred.
26. (Original) A method for improving the mechanical properties of thermoset resins including tensile and torque strength, said method comprising blending carbonised rice husk according to claim 2 into said thermoset resin.
27. (Currently Amended) A method according to claim 26 wherein the rice husk has a particle size of between 100 to 200 mesh and the dosage of rice husk is between 10 to 15 ~~phr~~ parts per hundred.
28. (Original) A method for improving the anti-static properties of a thermoset resin said method comprising blending carbonised rice husk according to claim 2 into said thermoset resin.
29. (Currently Amended) A method according to claim ~~27~~ 28 wherein the carbonised rice husk has a particle size of between 325 to 400 mesh and the dosage of carbonised rice husk is between 10 to 15 ~~phr~~ parts per hundred.

30. (Withdrawn) A method for improving the anti-static properties of rubber and/or rubber latex said method comprising blending carbonised rice husk according to claim 2 into said rubber and/or rubber-latex.

31. (Withdrawn) A method according to claim 30 wherein the carbonised rice husk has a particle size of between 325 to 400 mesh and the dosage of carbonised rice husk is between 5 to 15 phr.

32. (Withdrawn) A method for improving the mechanical properties of concrete said method comprising blending carbonised rice husk according to claim 2 into said concrete.

33. (Withdrawn) A method according to claim 32 wherein the rice husk has a particle size of between 100 to 200 mesh and the dosage of the rice husk is between 10 to 15 phr.

34. (Withdrawn) A filler according to claim 1 substantially as hereinbefore described with reference to any of the examples.

35. (Withdrawn) A process according to claim 3 substantially as hereinbefore described with reference to any of the examples.

36. (Withdrawn) A method according to claim 7 substantially as hereinbefore described with reference to any of the examples.

37. (Withdrawn) A composite material according to claim 11 substantially as hereinbefore described with reference to any of the examples.